

# California OES

## Weekly Weather Threat Briefing

18 January, 2017  
9:30 AM PST

**Day 1: Moderate threat for impacts from heavy rainfall, flash flooding, winds and mountain snows. Slight threats for debris/mudslide impacts. Mainly NW CA and central coast.**

**National Weather Service**  
*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



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# Key Points

- Rain and mountain snow event ongoing today, spreading south and east this afternoon
  - Localized river, small stream and urban flooding
  - Difficult travel across the mountains due to snowfall
  - Flash flooding/debris flow potential in Southern CA
  - Downed trees and power lines possible from a combination of wet soils and strong winds this week
- Another rain and mountain snow event NW CA Thursday night, also moving south and east by Friday morning with similar impacts
  - Damage to coastal structures/piers possible with associated high surf in Southern CA Fri/Sat.
- A third storm is also possible for Saturday into Monday



# Key Points

01/18 – 01/24

**Thursday: Rain and mountain snow spreading south and east across CA today**

- Localized river, small stream and urban flooding potential increases again
- Hazardous travel across the mountains due to snowfall
- Flash flooding/debris flow potential in Southern CA increases late in day
- Downed trees and power lines possible from a combination of wet soils and strong winds

**Friday-Saturday: Another rain and mountain snow event moves into NW CA early Friday and to the south and east across CA Friday**

- Similar impacts to Thursday storm.
- Damage to coastal structures/piers possible with associated high surf in Southern CA Fri/Sat.

**Sunday-Monday: Another rain and mountain snow event moves into northern CA early Sunday and south and east across the rest of the state through early Monday**

- Continued similar, but potentially stronger, impacts to Thursday and Friday storms

**Tuesday-Wednesday:**

- Lingering flooding concerns on creeks and rivers due to continued runoff
- No additional significant impacts expected.



# California OES Impact Threat Matrix

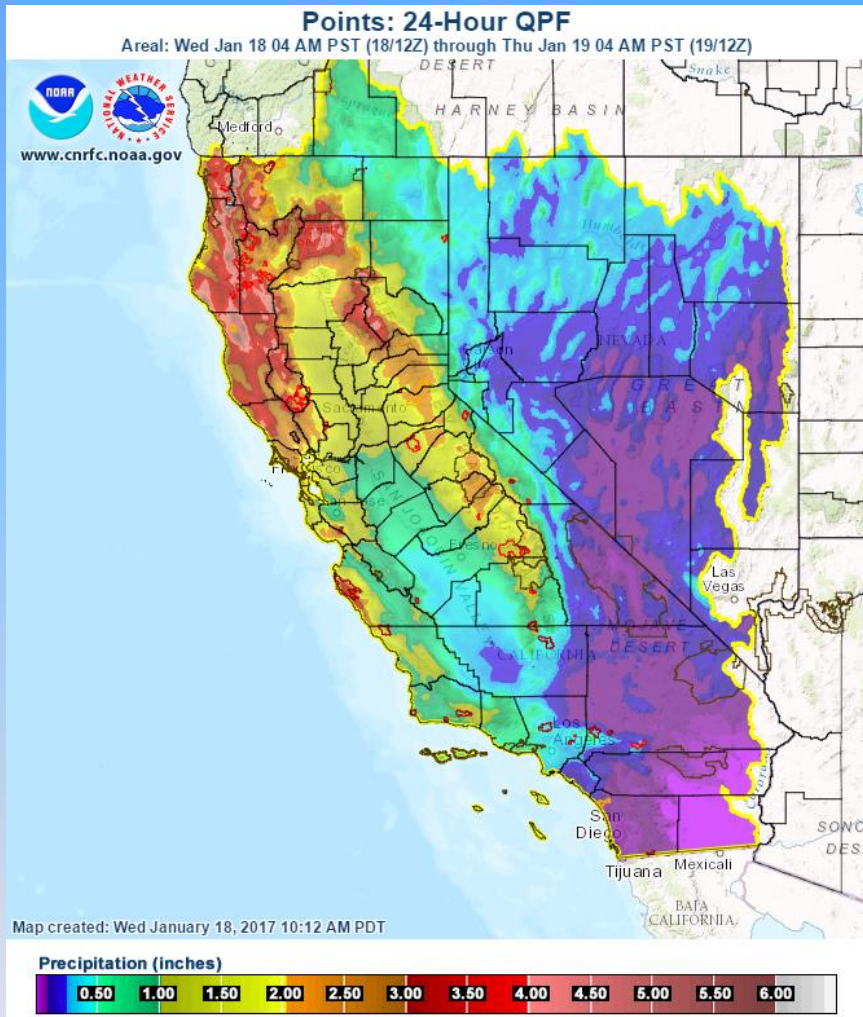
Jan 18, 2017 – Jan 23, 2017

| DAY/THREAT                    | WED             | THU                | FRI           | SAT                  | SUN                 | MON          | TUE |
|-------------------------------|-----------------|--------------------|---------------|----------------------|---------------------|--------------|-----|
| Freezing Rain                 |                 |                    |               |                      |                     |              |     |
| Winds                         | Nrn CA          | SoCal              | Nrn CA        | Nrn CA               | SoCal               | SoCal        |     |
| Snow                          | Nrn CA & Sierra | Sierra, SoCal Mtns | All Mtn Areas | Sierra & Nrn CA Mtns | Sierra & SoCal Mtns | SoCal Mtns   |     |
| Heavy Rain/<br>Flash Flooding | Nrn CA          | SoCal              | Statewide     | Nrn CA               | SoCal               | SoCal        |     |
| Debris<br>Flows/Mud Slides    | Burn Scars      |                    | SoCal         | SoCal                |                     | SoCal        |     |
| River Flooding                | Cntrl CA        | Cntrl CA           | Cntrl CA      | Nrn/Cntrl CA         | Nrn/Cntrl CA        | Nrn/Cntrl CA |     |

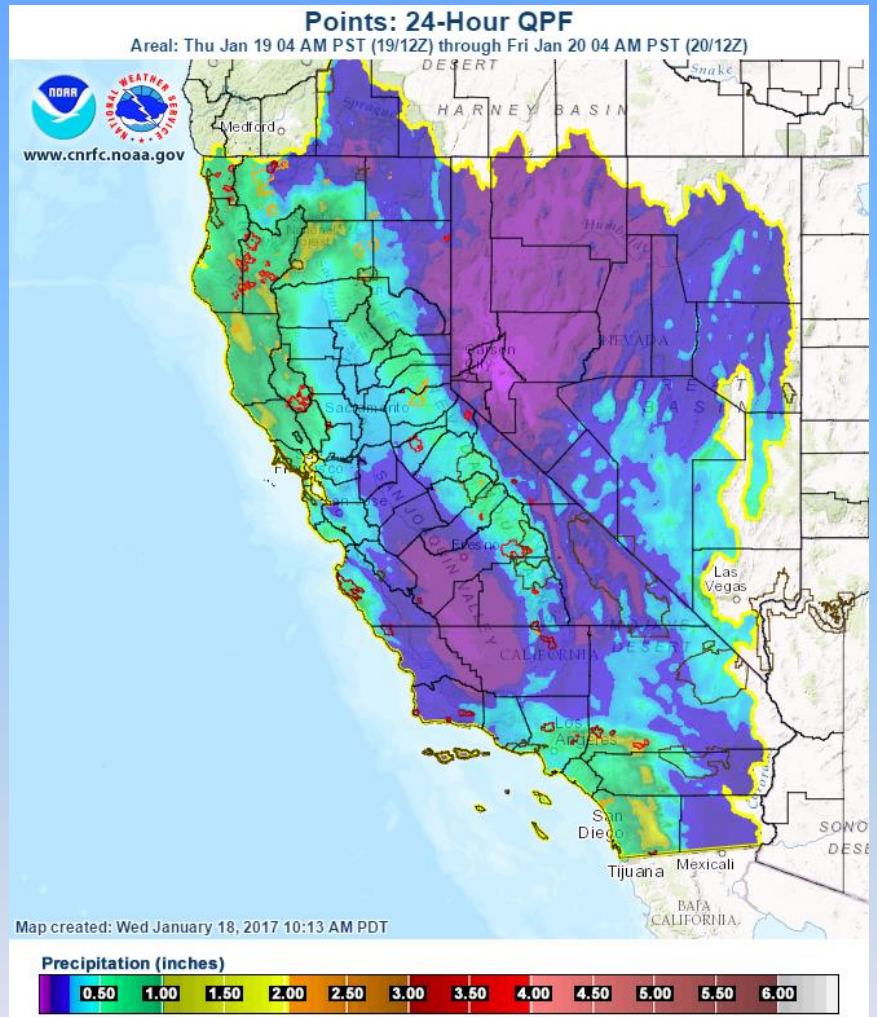
|  |                       |
|--|-----------------------|
|  | High Threat           |
|  | Moderate Threat       |
|  | Slight Threat         |
|  | No Discernible Threat |



# Days 1-2 Precipitation Forecast



Today

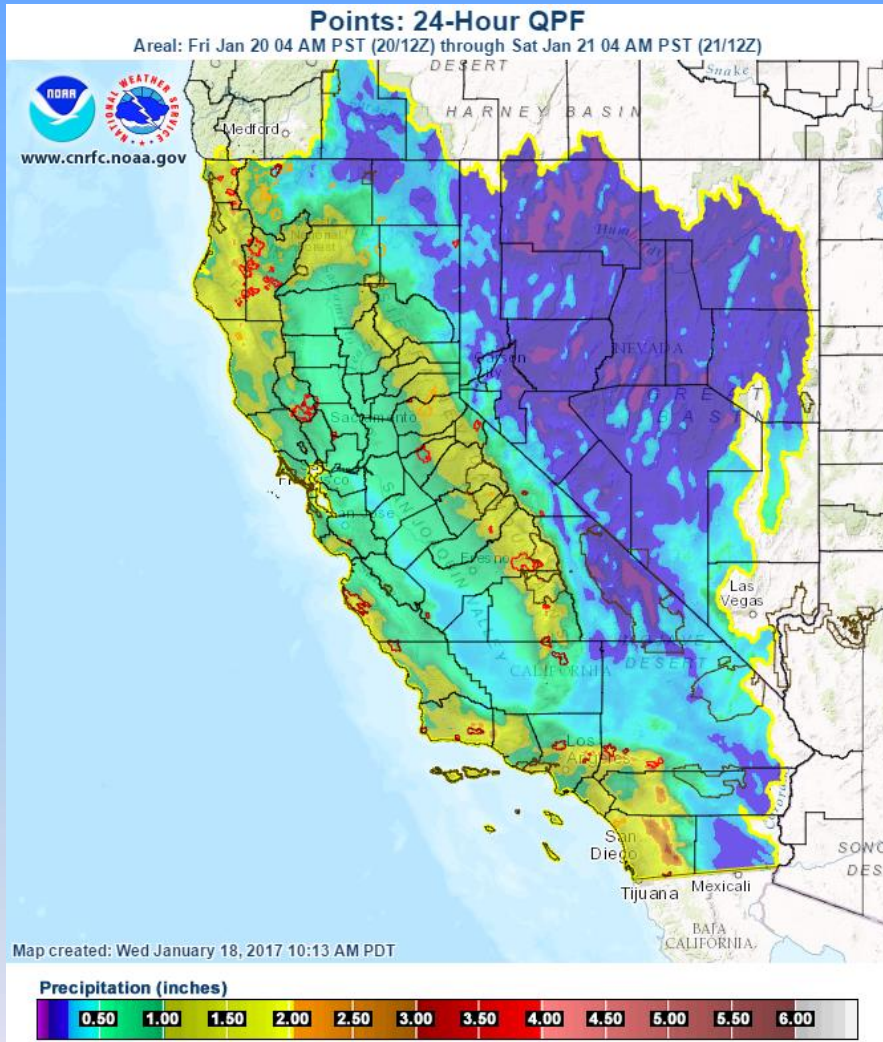


Thursday

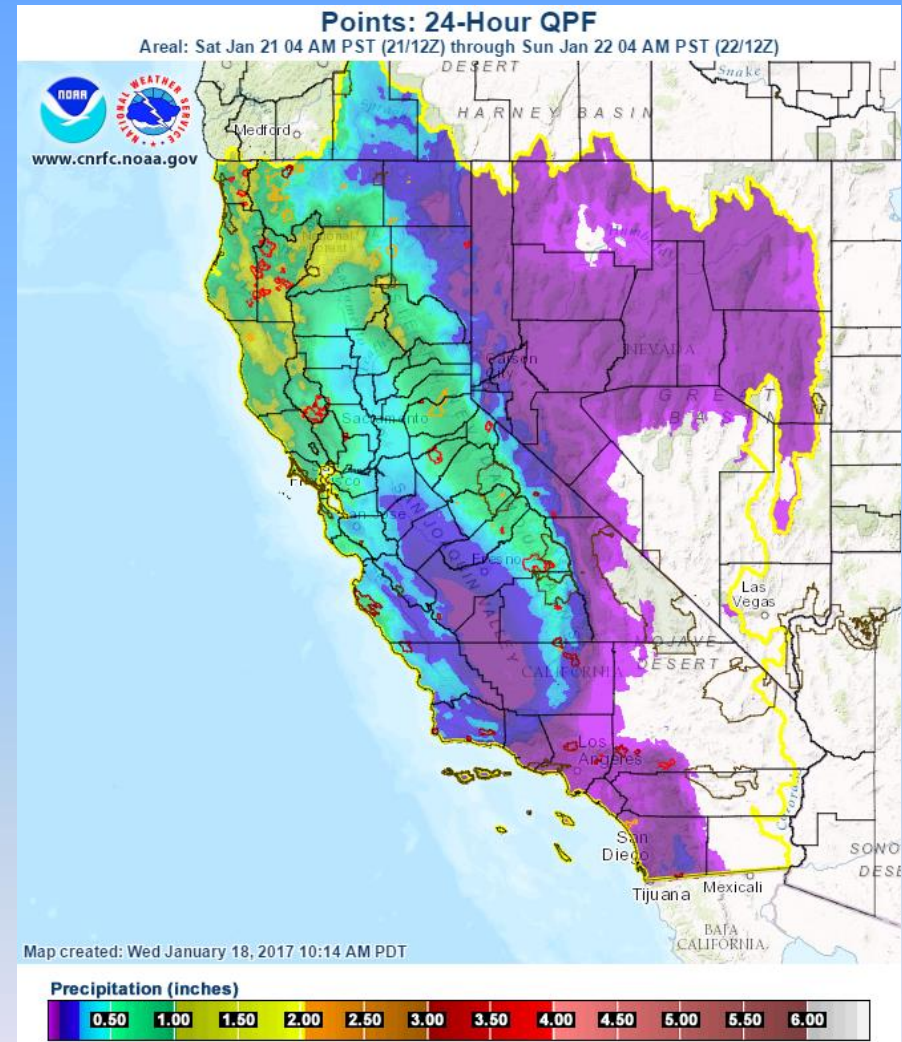




# Days 3-4 Precipitation Forecast



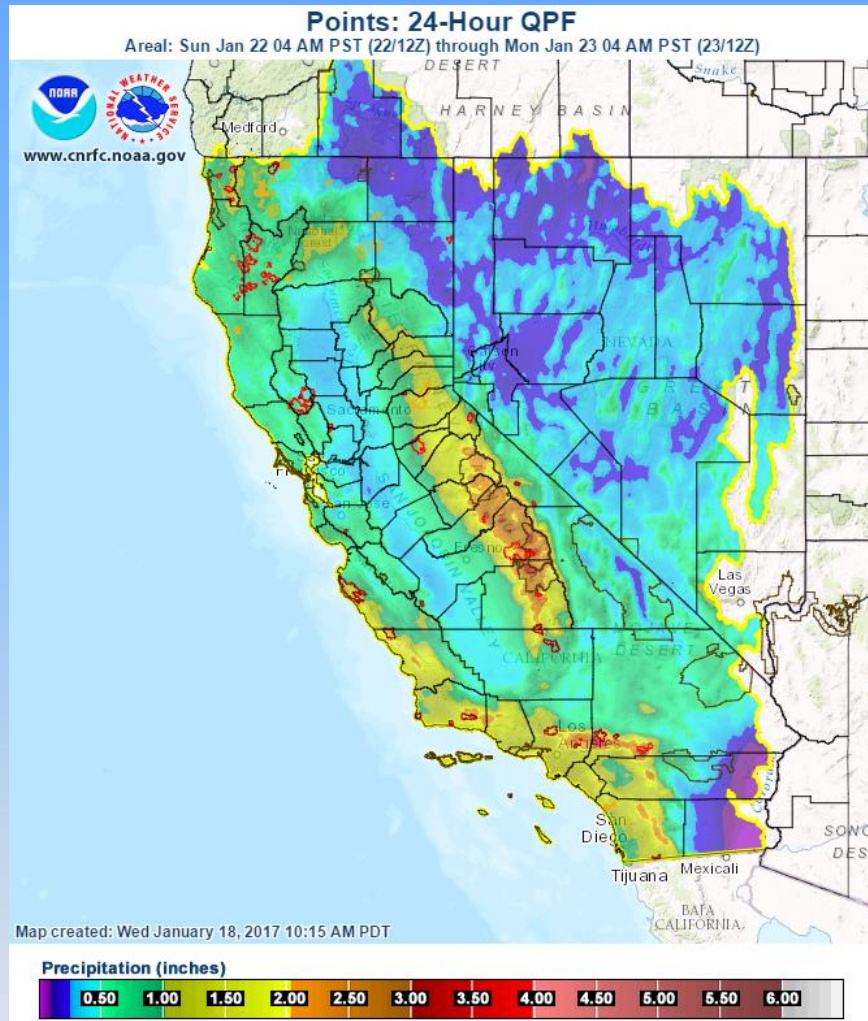
Friday



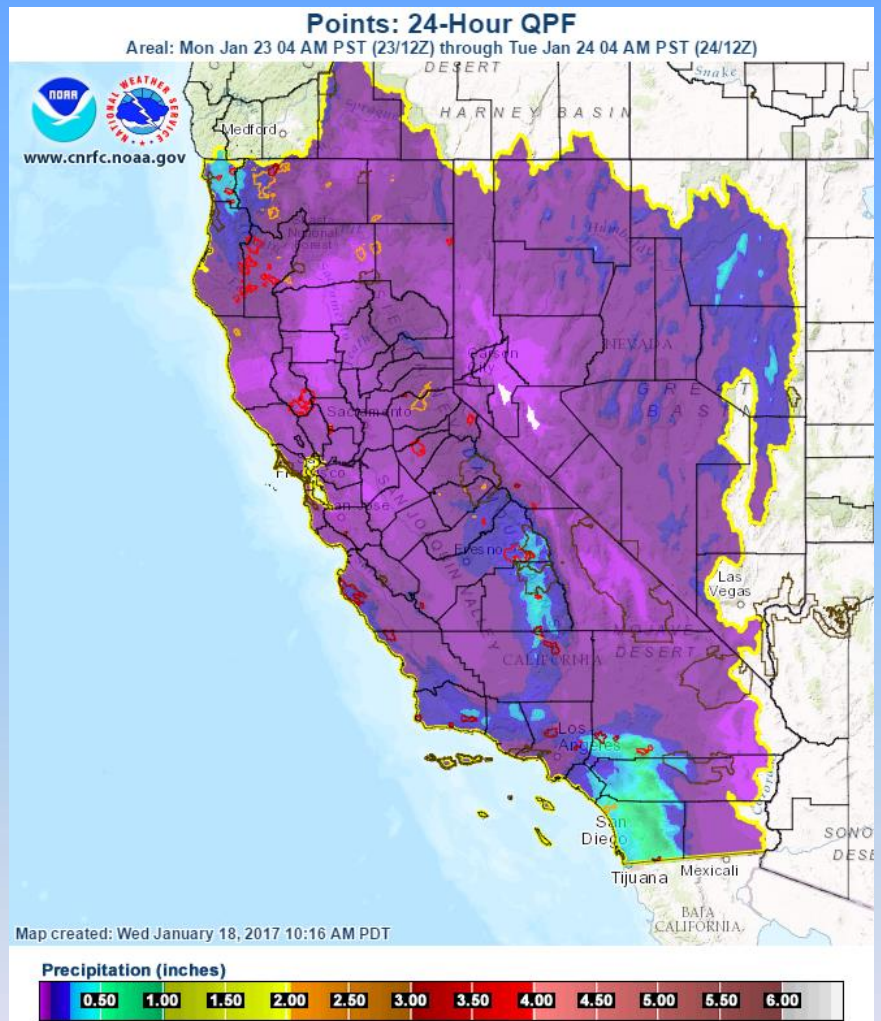
Saturday



# Days 5-6 Precipitation Forecast



Sunday

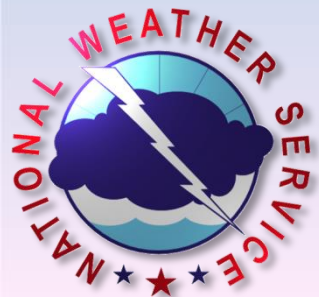
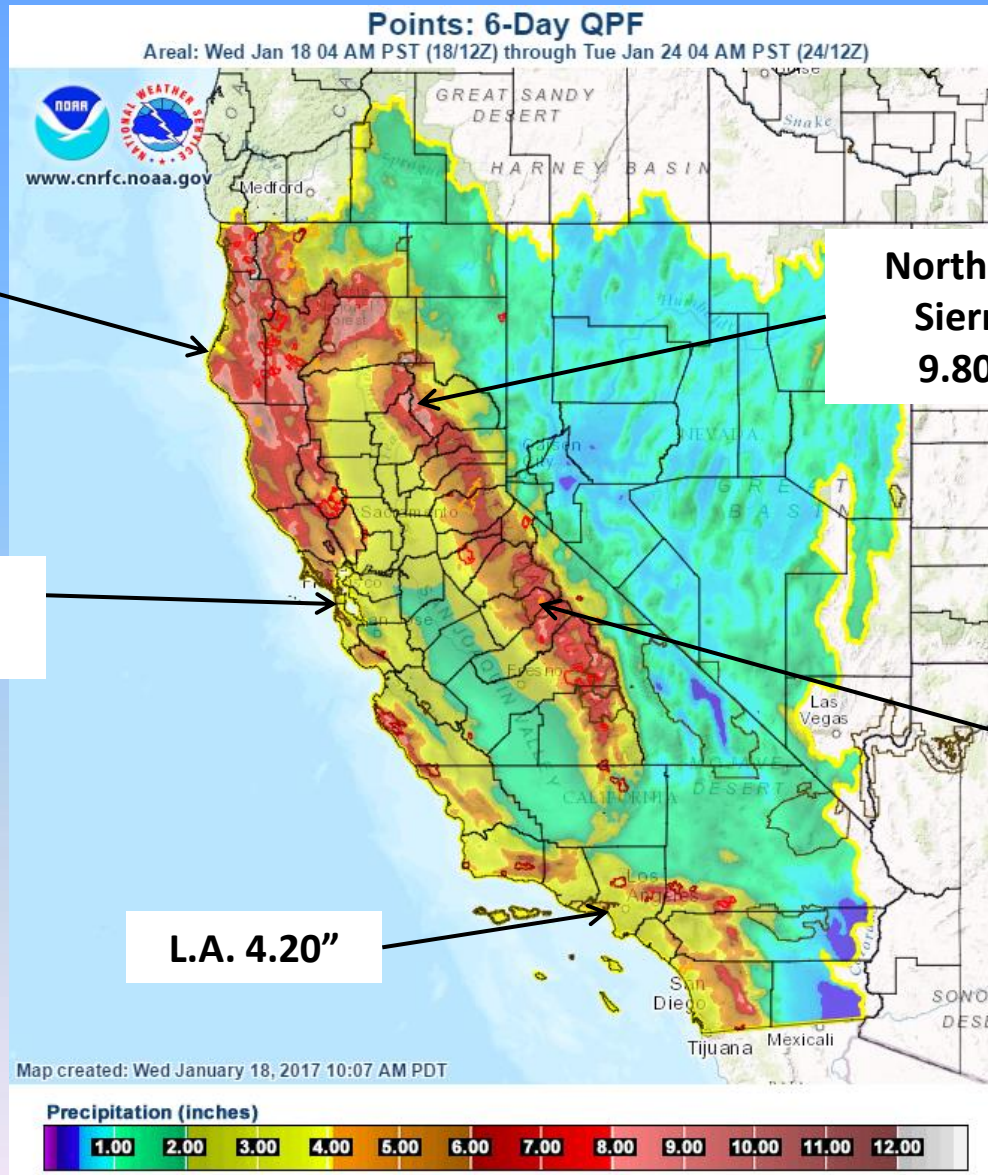


Monday





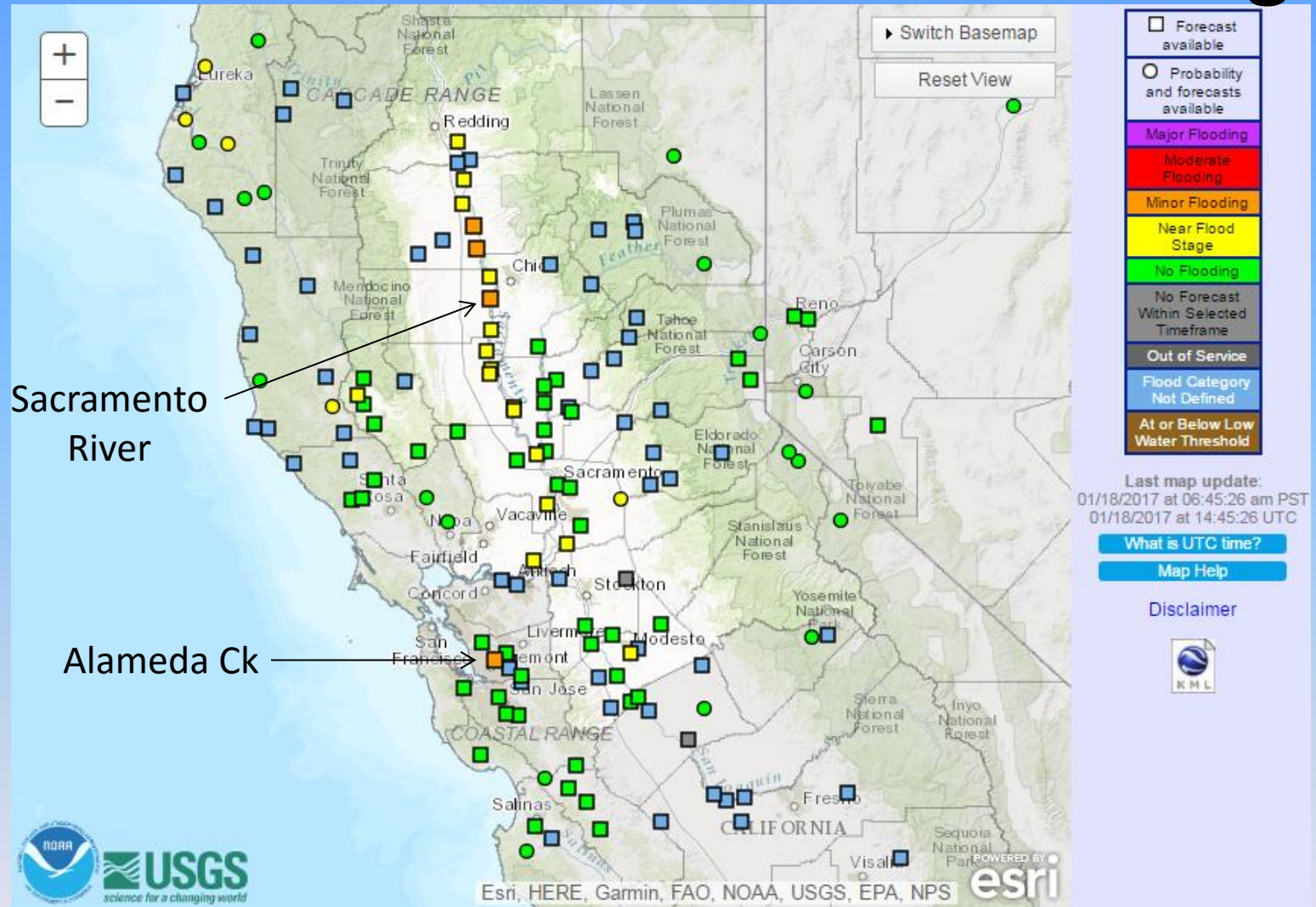
# 6 Day Precipitation Forecast



Valid Wednesday, January 18, 2017 – Monday, January 23, 2017.

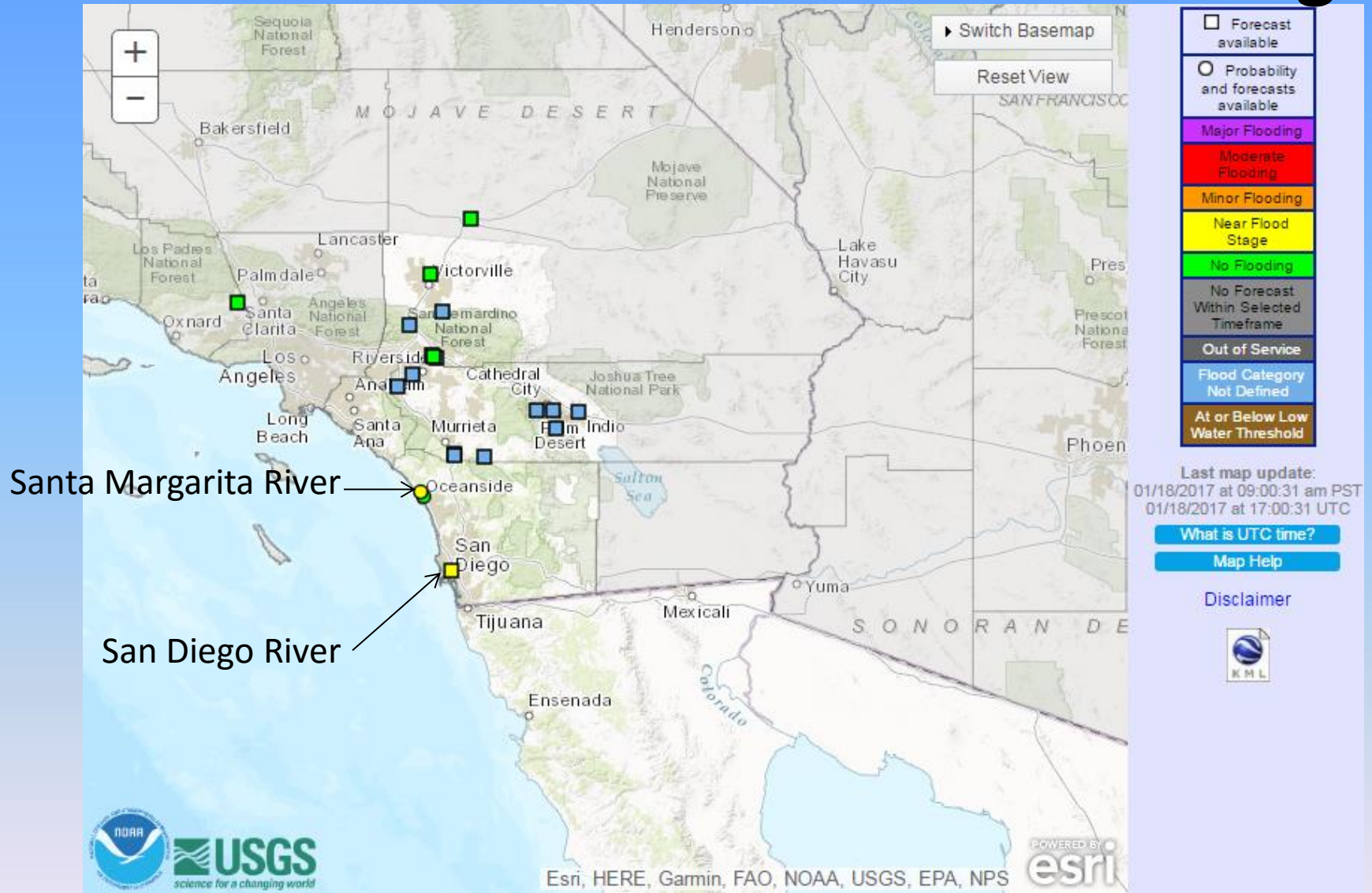


# Mainstem Forecast River Flooding



Forecasts are based on current precipitation forecasts out through early Thursday morning. Forecasts are subject to change based on changes to the precipitation forecasts.

# Mainstem Forecast River Flooding

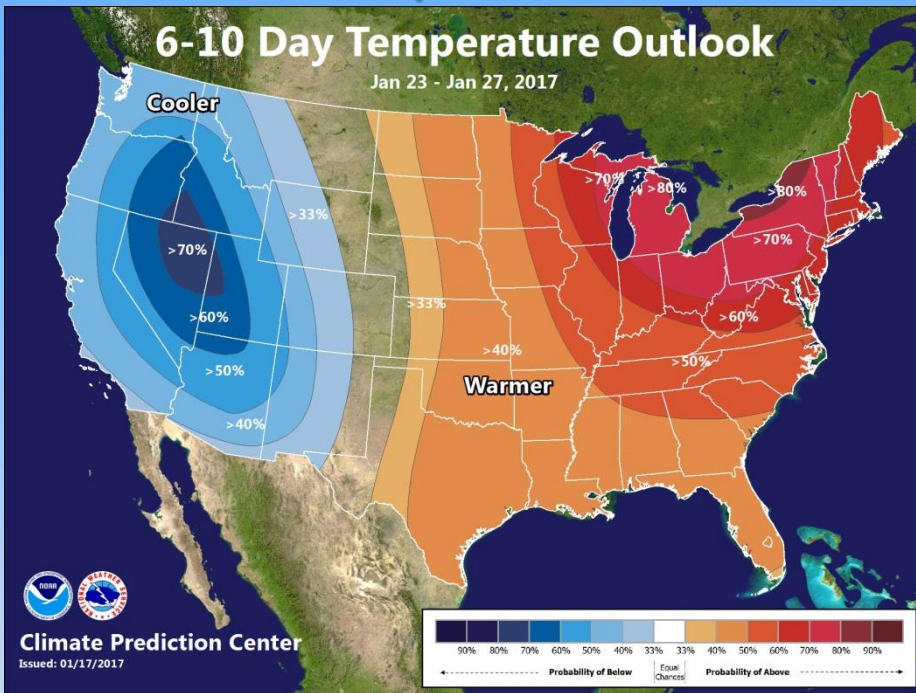


**Forecasts are based on current precipitation forecasts out through early Thursday morning. Forecasts are subject to change based on changes to the precipitation forecasts.**

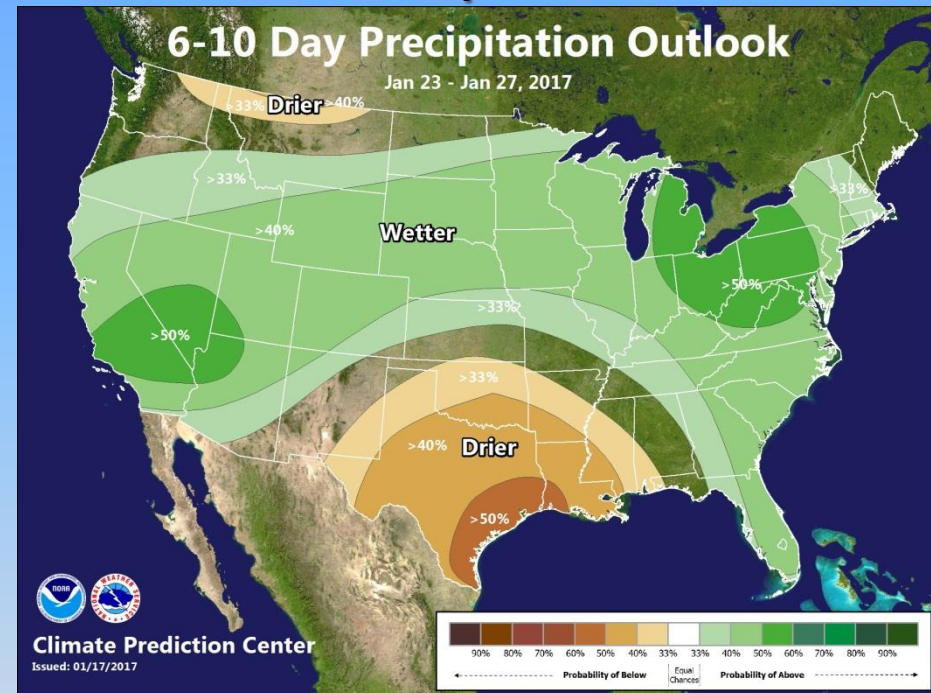


# 6-10 Day Outlook

## Temperature



## Precipitation



Odds leaning toward cooler than normal conditions across CA next week, along with better chances for above normal precipitation to continue during the period.

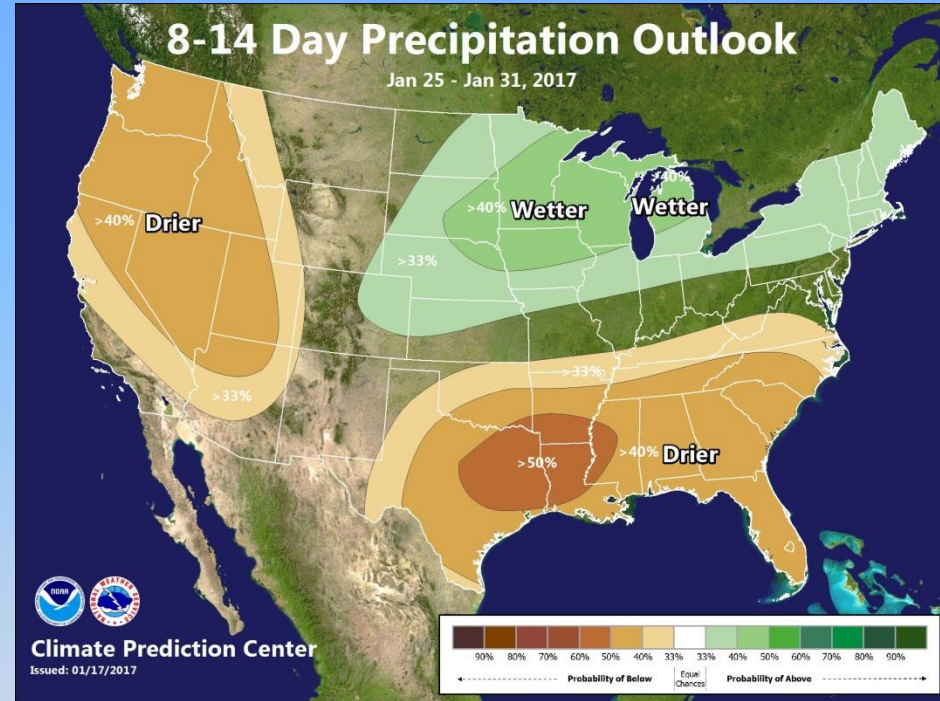
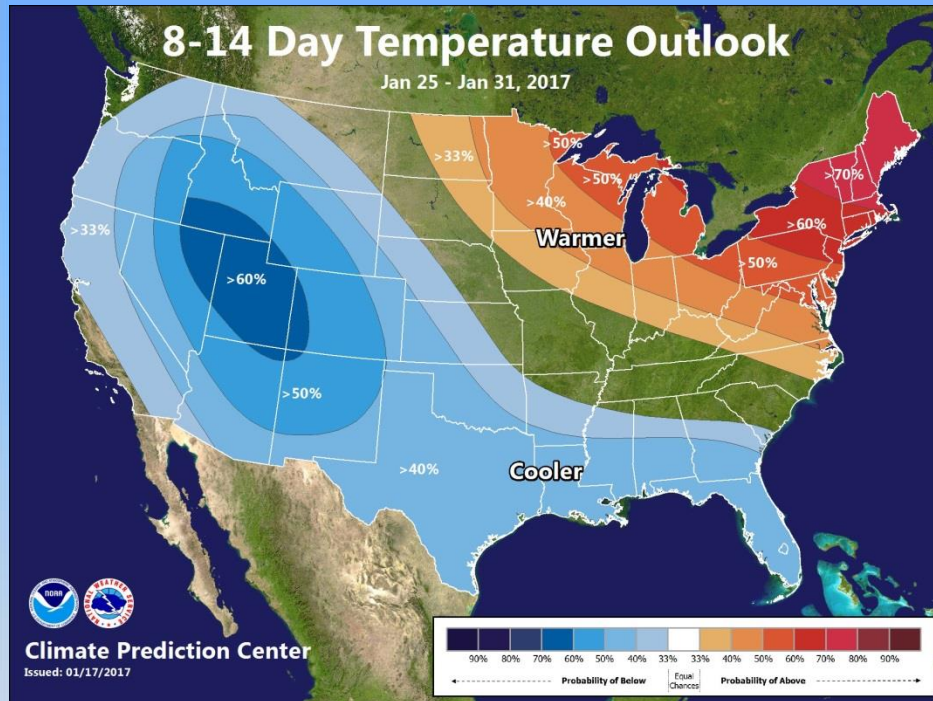




# 8-14 Day Outlook

## Temperature

## Precipitation



A late-January weather pattern change will result in a tilting of the odds toward drier than normal conditions for the Sierra and much of northern CA. Much of the state of CA will also have a slight leaning toward cooler than normal conditions.



Information provided by:

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